

1. ALL SEWER TAPS SHALL BE WYE TYPE.
2. CONNECTIONS TO EXISTING SEWER MAINS SHALL BE ACCOMPLISHED BY MACHINE TAPPING, UTILIZING A SADDLE, OR BY CONSTRUCTION OF A MANHOLE.
3. SEWER TAPS SHOULD BE 4-1/2 FEET DEEP AT PROPERTY LINE. TO RAISE THE TAP FROM THE MAINS DEEPER THAN 6 FEET, THE WYE AND 1/8 BEND SHALL BE SET AT A 45 DEGREE ANGLE FROM HORIZONTAL AND A SHORT PIECE OF STRAIGHT PIPE SHALL BE PLACED ON THE 1/8 BEND. ANOTHER 1/8 BEND IS PLACED AT THE OTHER END OF THE SHORT PIPE TO BRING THE TAP TO APPROPRIATE GRADE AT THE PROPERTY LINE.
4. ALL SEWER SERVICE CONNECTIONS SHALL BE EXTENDED A SUFFICIENT DISTANCE BEYOND STREET RIGHT-OF-WAY LINES TO CLEAR ALL FACILITIES TO BE INSTALLED IN PUBLIC UTILITY EASEMENTS WHICH PARALLEL THE STREET RIGHT-OF-WAY. REFER TO M.A.G. STANDARD DETAIL 440-1, TYPE A, FOR ADDITIONAL REQUIREMENTS.
5. METALLIC, DETECTIBLE WARNING TAPE OR LOCATOR WIRE SHALL BE REQUIRED AT LOCATIONS DESIGNATED BY THE OFFSITE INSPECTOR WHEN CHANGES IN HORIZONTAL PIPE ALIGNMENTS ARE NOT APPARENT FROM SURFACE APPURTENANCES. THE TAPE OR WIRE SHALL BE PLACED ONE FOOT ABOVE THE TOP OF PIPE (MAXIMUM DEPTH 4 FEET) AND SHALL EXTEND A MINIMUM OF 6 FEET IN EACH DIRECTION FROM THE ALIGNMENT CHANGE AND SHALL BE SHOWN ON AS-BUILT PLANS. REFER TO THE CITY OF CHANDLER SPECIFICATION NO. 11 FOR ADDITIONAL MARKING STANDARDS.
6. ALL PLASTIC PIPE WITH A CURVED ALIGNMENT SHALL BE IDENTIFIED WITH 3-INCH WIDE METALLIC, DETECTIBLE WARNING TAPE WITH THE WORD SEWER OR WASTEWATER. THE TAPE SHALL BE INSTALLED 12 TO 18 INCHES BELOW THE GROUND SURFACE OVER THE ENTIRE LENGTH OF THE PIPE.
7. MANHOLE FRAME AND COVER SHALL BE ADJUSTED PER M.A.G. STANDARD DETAIL 422, EXCEPT WHEN OUTSIDE OF PAVEMENT, IN WHICH CASE IT SHALL BE ADJUSTED PER CITY OF CHANDLER SPECIFICATION 2.
8. ALL MANHOLE INTERIORS SHALL BE PAINTED WITH **"INSECTA INSECTICIDAL COATING – WHITE SEMI-GLOSS LATEX"** OR APPROVED EQUAL.
9. ALL SEWER PIPE SHALL BE CONSTRUCTED WITH BEDDING CONFORMING TO CITY OF CHANDLER STANDARD DETAIL C-402. ALL SEWER LINES 10 FEET IN DEPTH AND GREATER SHALL BE VCP PIPE, OR AS SPECIFIED ON SEWER LINE PLANS.
10. ALL SEWER SHALL BE VACTORED AND INSPECTED FOR DEBRIS PRIOR TO ACCEPTANCE.